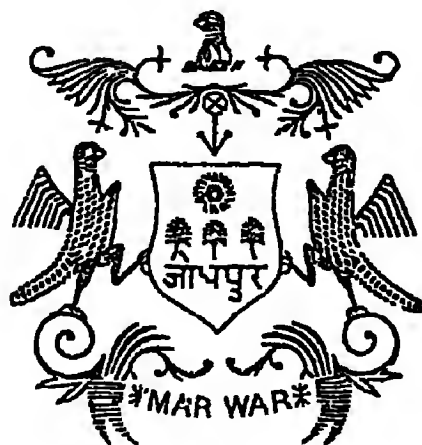


PROGRESS REPORT
OF
FOREST ADMINISTRATION
IN THE



Jodhpur State, Rajputana.

FOR THE YEAR 1909-10.

BY

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Review on Forest Report.

CONSTITUTION OF FORESTS.—In addition to the Hinglaj-Indrana forest referred to in the last report which has been demarcated with kutchia pillars, about 25 miles of Jalore and Jaswantpura forests were brought under Forest conservancy, but as none of them have been regularly surveyed their area has not been added to the area under forest conservancy shown in the last year's report *viz.* 295·11 sqr. miles of Khalsa and 70·37 of Jagir. Of the total of 365·48 sqr. miles 335·48 are protected forests and 30 are un-classed or public forest land.

MANAGEMENT.—It is satisfactory to note that the whole of the forest area from Nana to Dipawas has now been brought under regular working plans. The other forests were as usual managed under provisional working plans. To facilitate the transport of forest produce from coppice coupes, the existing roads were duly repaired and 8½ miles of cart road were newly constructed.

PROTECTION OF FORESTS.—There was a slight increase in the forest offences but it is solely confined to illicit grazing and grass cutting which is attributed to the deficiency of pasture outside the forests. As compared with the average of the last 3 years there has been a marked drop in the offences connected with fire as well as those of unauthorised felling and removal of forest produce. The year was also favourable for fire protection, there being a substantial fall in the number of fire occurrences and the area burnt.

SYLVICULTURE:—The rains being on the whole favourable, they helped in the germination of all sorts of species. Two new nurseries were established for rearing plants which were utilized for filling up blanks in forests. An important experiment connected with the propagation of lac was tried. The seed lac having been imported from Rewah State, 1,613 trees of Dhak and Ber and 15 Bighas of Arhar crop were infected with it. The larvae are reported to have settled well, new incrustation of lac is said to have been formed. The "selection method" referred to in the last report, is being adhered to.

EXPLOITATION:—All the coppice coupes having been sold standing to purchasers, the departmental agency had little work to do with the result that the output of timber and fuel was considerably less than last year and there was a corresponding fall in both the departmental revenue and expenditure. The quantity of timber removed by the purchasers and right holders was in excess of the last year's figures. But the purchasers removed more fuel in consequence of the closure of the permit-system whereas the right holders preferred timber to meet the growing demands of agriculture.

FINANCIAL RESULTS:—In consequence of the outbreak of plague which prevented the right holders from removing their full share of forest produce the net revenue fell from Rs. 16,095 to Rs. 14,605. The sale proceeds of major and minor produces contributed 71·5 and 21·5 per cent. of the total revenue and the rest was realised from other sources. Of the expenditure 61·7 p. c. was incurred on extension, constitution, improvements, protection, and exploitation and 38·3 on establishment charges.

ARBORICULTURE:—In addition to planting of trees in small plots, the date tree which is calculated to serve as a famine food was cultivated in the irrigated area at Dholera Bundh. 835 flower and fruit plants were distributed free of charge to the public and with a view to bring the nursery plants within easy reach of the people of Jodhpur City, a new nursery was opened at Bera Kesri Sing-ka-Jhalra.

JODHPUR. } R. B. P. SUKHDEO PRASHAD, B. A., C. I. E.,

Minister, Marwar State.

TABLE OF CONTENTS.

Description.	PAGE.
INTRODUCTION	1
CHAPTER I.—CONSTITUTION OF FORESTS.	
Section I.—Alteration in areas	1
" II.—Forest settlement... ..	1
" III.—Forest Demarcation	1
" IV.—Survey	2
CHAPTER II.—MANAGEMENT OF STATE FORESTS.	
Section I.—Regulation of Management	2
" II.—Communications and buildings	2
" III.—Protection of Forests	2 & 3
" IV.—Sylviculture	3 to 4
" V.—Exploitation	4 & 5
CHAPTER III.—FINANCIAL RESULTS	5 & 6
CHAPTER IV.—ADMINISTRATION	6
CHAPTER V.—GENERAL.	
Section A. General Remarks	6
" B Fuel and Fodder Reserves	7
" C. Arboriculture	7 & 8
" D. Gardens	8
APPENDICES	9
Form No 46 Area of Forests	10
" 52 Register of breaches of Forest Rules	11
" 53 Area of Forest tracts protected from fire during the year	12
" 57 Outturn of timber and fuel	13
" 58 Outturn of Minor produce	14 to 15
" 59 Account of timber and other produce cut or collected by Raj Agency and brought into Depôts sold locally or otherwise disposed of during the year	16 & 17
" 61 Summary of Revenue & Expenditure	18 to 20
" 62 Account enrent	21
" 63 Revenue and outstandings on account of revenue.	22
" 65 Financial results	23
Annual Form No 42—Statement showing the comparative growth of shoots in coupes hitherto coppiced	24 & 25

PROGRESS REPORT
OF
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IN THE
MARWAR STATE

For 1909-10.

INTRODUCTION.

1. Two areas, aggregating about 15 sq. miles, in Jaswantpura and 10 sq. miles in Jalore, were for the first time brought under protection. They will be regularly surveyed and carried to the returns next year.

CHAPTER I.

CONSTITUTION OF FORESTS.

Section I. — Alterations in areas.

2. The area stands as under:—

Forest conservancy	...	...	275.11 square miles.
Fuel and Fodder Reserves	...	20.	" "
Jagir Forests	...	...	70.37 " "
Total	..	365.48	" "

The area is classed as under:—

Reserved Forests	...	...	Nil.
Protected Forests	...	...	335.48 square miles.
Unclassed or Public Forest land	...	30.	" "
Leased Forests	...	...	Nil.
Total	...	365.48	" "

Section II.— Forest Settlement.

Nil.

Section III.— Forest Demarcation.

3. The Hinglaj—Indrana forests taken up as mentioned in para 1 of last year's report were demarcated with kutchra pillars.

4. The old pillars were whitewashed and kept in good order.

Section IV.—Survey.

Nil.

CHAPTER II.

MANAGEMENT OF THE STATE FORESTS.

Section I.—Regulation of Management.

(a) Preparation and control of Working Plans

5. Desuri and other forests were also put under regular system of working and so the whole of the forest area from Nana to Depawas has now been brought under regular Working Plans.

(b) Preliminary Working Plans.

Nil.

(c) Plan of Operations.

6. A Plan of Operations was, as usual, prepared and acted up to.

Section II.—Communications and Buildings.

(a) Roads and Bridges

7. Godhwar Range. 8½ miles of cart roads were constructed for facilitating the extraction of produce from coppice coupes in Nana, Behra, Bijapur and Latara forests at a cost of Rs. 186-4-6. The existing roads were, wherever necessary, repaired and kept in good condition at an expense of Rs. 25-13-0.

8. Sojot Range. The old roads and paths were repaired at a cost of Rs. 58-6-0.

(b) Buildings.

9. The old buildings were repaired both in Godhwar and Sojot Ranges at an expense of Rs. 82-6-9 and Rs. 28-3-6 respectively. No new buildings were constructed.

(c) Miscellaneous

Nil.

Section III.—Protection of Forests.

(a) General Protection

10. The grassias and criminal tribes generally behaved well. 200 cases of Forest offences in State Forests and 5 in Raipur Jagir Forests came under observation during the year as against 158 last year. The increase is confined to the head illicit grazing and grass cutting in Godhwar Range where in some places, owing to deficiency of pasture outside the forests, the graziers and grass cutters stole into the forests. Out of them 2 cases were challaned to Hakumats. Conviction was obtained in one, the other remained pending. The rest were settled on compensation by Forest Officials.

11. The following table gives a classification of the offences:—

Class of offence.				Average for the past 3 years.	Offences during the year under report.	Remarks.
Injury by fire ...	...	...	...	8	4	
Unauthorised felling or removal of produce	...	...	...	100	51	
Grazing ...	...	...	...	75	82	
Other offences	...	...	...	51	68	
Total				237	205	

(b) Protection from Fire.

12. The results of Fire conservancy were quite satisfactory. There were 4 occurrences, 3 in Godhwar and 1 in Sojut, burning 627 acres or 29 per cent. of the area, 2, 14, 707 acres, over which protection was attempted. An amount of Rs. 350-14 or Rs. 1-1-11 per square mile was spent in this connection.

(c) Protection from Cattle.

13. The whole of the area remained closed to sheep and goats throughout the year and to horned cattle during the rains. 3,550 cattle were impounded for illicit grazing as against 3,147 of the last year.

(d) Protection against injuries from natural causes.

Nil.

Section IV. - Sylviculture.

(a) Natural Reproduction

14. The rains were favourable and the germination of all sorts of species was good.

The results of the areas hitherto coppiced are shown in Appendix No. A at the end of the report.

(b) Artificial Reproduction.

15. There are no Taungya Plantations. The blanks in the forests and coppiced areas were, as usual, restocked by making sowings with various methods, planting rhizomes etc. Anwal seed was sown in prepared pits in blanks in the Anwal areas.

16. 2 new nurseries, one at Saran and the other at Sadri, were established to rear plants for filling up blanks in forests.

(c) Operations for the improvement of the growing stock.

17. In the upper or Salar zone the operations for improving the growth of Bakli (*A. latifolia*) as stated in para 17 of the last year's report were continued.

(d) Experiments

18. Lac propagation was taken in hand to produce Lac on forest trees chiefly Dhak and Ber as also to ascertain whether Lac raised on Arhar (*Cajanus indicus*) would be more profitable as compared, area for area, with wheat crop. The Seed Lac was imported from Rewah State forests and 1613 trees of Dhak and Ber in Nana forest of Godhwar Range and 15 Bighas of Arhar crop below Sardar Samand tank at Jhintarra village were infected. The larvae spread and settled well and were in healthy condition covered with new incrustations of Lac at the time of writing the report.

Section V.—Exploitation..

(A).—SYSTEM OF MANAGEMENT.

(a) Major Produce.

19. Coppice with standards system has been introduced in the whole area as per provisions of the Working Plan now in force. From the upper or Salar zone a number of Salar and other inferior species is removed annually under selection method with a view to improve the growth of Bakli.

(b) Minor Forest Produce.

20. The minor produce is allowed to be removed by purchasers by the lease system, while grazing is, as usual, allowed by permit as mentioned in para 19 of the last year's report.

(B).—AGENCY OF EXPLOITATION.

(a) Departmental Agency.

21. There was very little work done by the Departmental agency this year as all the coppice coupes were sold standing to purchasers. Thus only 26,225 cu. ft. of timber and 2,03,752 cu. ft. of fuel were removed mainly for supplying Raj demands against 48,184 and 2,76,351 cu. ft. respectively of the preceding year.

The total revenue under Departmental agency was Rs. 27,353-10-3 against Rs. 48,498-5-9 of last year or 46.9 per cent of the total revenue.

(b) Purchasers

22. The quantity of timber and fuel removed from the State Forests by purchasers during the year was 8,162 cu. ft. and 2,97,457 cu. ft. against 18,899 cu. ft. and 2,32,168 cu. ft. respectively of the last year. The reasons for fall under the head timber are that (1) the Permit system having been altogether stopped the removal of timber was limited to certain months of the year and (2) that the coupes were sold standing to purchasers who did not keep a distinct account of the yield under the two heads and major part of it went under the all round head fuel which for the very same reasons shows an increase.

The sale of bamboos and other minor produce brought in a sum of Rs. 547/12/3 and Rs. 2,678/- as compared with Rs. 305/10/6 and Rs. 2,420/5/6 last year.

(c) Rights and Privileges.

23. The total quantity of timber and fuel removed by rightholders during the year was 28,357 cubic ft. and 2,27,668 cubic feet respectively as compared with 16,039 and 2,64,120 cu. ft. last year. The increase in timber is due to increased agricultural operations. The value of bamboos and other minor produce removed from forests by rightholders at reduced rates or free during the year was Rs. 41 and Rs. 5,104 as compared with Rs. 35/- and Rs. 3,489/- the last year. (Form No. 58).

(d) Free grants.

24. The free grants made to privileged persons are given in form no. 58.

(e) Outturn and Sources of Forest Produce.

25. The total outturn of major produce from state Forests is calculated to be 62,744 cubic feet of timber and 7,28,877 cubic feet of fuel against 83,122 and 7,72,639 cubic feet respectively during the preceding year. The reasons for decrease under the head of timber have already been given in para 22 above. The value of minor produce removed during the year came to Rs. 9,261/- as against Rs. 8,507/- last year.

26. 20,113 cattle were admitted into the state Forest for grazing.

27. The total expenditure on the management of State Forests during the year came to Rs. 23,745

CHAPTER III.

FINANCIAL RESULTS.

28. In the following table are compared the revenue and expenditure of the year under report and those of the preceding year and the average of the past 5 years:—

Year.	Receipts.	Charges.	Surplus.	Remarks.
1909-10	(1) 55,822	(2) 41,217	14,605	(1) Includes sale proceeds of Anwal Rs. 3,400.
1908-9	78,537	62,442	16,095	(2) Includes compensation given to Jagirdars. Rs. 1,670/12/-
Average of 5 years ...	72,103	55,664	16,439	

29. The revenue realised from major produce during the year under report came to Rs. 39,919/12/9 showing a decrease of Rs. 23,507-9-6 as compared with that derived during the preceding year. It is 71.5 per cent of the total income.

The decrease is due to the coupes having been sold standing instead of being felled departmentally as heretofore. The net revenue remains almost the same. It would have well come to the budgeted figure, but for

the outbreak of plague in the surrounding villages, which did not permit of the villages removing their full share of the forest produce.

30. The sales from minor produce including bamboos, grass, grazing etc. brought in a sum of Rs. 12,036/7/- which is about the same as last year and represents 21·5 per cent of the total revenue.

Rs. 3,865/12/3 representing 6·9 per cent of the total income were realised from other sources.

31. 49 per cent of the total revenue was realised through state agency and 51 per cent otherwise.

32. The total expenditure of the year amounted to Rs. 41,216/14/3 showing a decrease of Rs. 21,225/8/6 as compared with last year owing to the departmental works in connection with Depot system having been greatly reduced.

61·7 per cent of the expenditure was incurred on account of extension, constitution, improvement, protection, and exploitation, while the establishment charges came to 38·3 per cent.

CHAPTER IV.

ADMINISTRATION.

33. Forest Inspector Rakheshwar held charge of Sojot Range and the Working Plans work, while Forest Ranger Gokal Chand held charge of Godhwar Range. They worked with satisfaction.

34. Head clerk Munshi Dasu Ram and Reader Roop Narain carried out their work with satisfaction.

35. The relations with the Revenue Department were harmonious.

36. The Foresters, Head Guards and Guards generally worked well.

37. The Jamiat Sowars were regularly supplied by the Bakshi Jagir.

CHAPTER V.

GENERAL.

Section A.—General Remarks.

38. No more grass was cut during the year, the balance in hand at the close of the year standing at 29,830 maunds.

Section B.—Fuel and Fodder Reserves.

39. No new areas were reserved. The old ones stood distributed as under:—

Name	Area in Bighas
Banbholai	1,800
Sampa	544
Sowania	437
Deoli	1,400
Udesi kua	1,329
Khamal	295
Sadawas	78½
Bomadra	464½
Miniari	1,303
Bala	1,136
Hemaliawas	150
Barsan	100
Gudha Bishnoyan	1,000
Pali	6,400
Nayagaon	100
Luni Barmer area	13,280
Total ...	29,817

40. Sowings of Babool, Khejra and other suitable species were, as usual, made in all reserves and the results were satisfactory. The natural vegetation is doing well.

41. The revenue and expenditure under this head came to:—

	Rs.	a.	p.
Revenue	556	1	3
Expenditure	2,080	7	9

Section C.—Arboriculture.

42. No new roads were taken in hand, but planting of trees in small plots was carried on in a number of places and 1482 plants were put out.

43. 84 plants were put out in filling up gaps along the old roads.

44. The district roads planted up previously were further improved and 554 plants, mostly Mohwa, Gular, Shishum, Bar and Peepal were planted up along them.

45. Remembering the value of the fruits of date tree (*Phoenix sylvestris*) as a famine food, the seeds of this tree were sown in the irrigated area at Dholera Bundh. They were dibbled in along the partition lines (Maths) of the square plots; and the plants springing up have so far done well.

46. The general public continued to take plants for their private grounds and 835 plants were distributed free of charge and 282 on payment.

47. The old nurseries at Ratanada, plantation No. 8, Col. Loch's well and Bera Chainsakh were maintained.

48. A new nursery was laid out at Bera Kesri-Singh-ka Jhalra with a view to bring the nursery plants within easier reach of the city people.

49. The nurseries contained plants at the close of the year as under:—

Nim	...	...	...	4,956
Siris	...	...	...	2,290
Am	...	...	...	875
Jaman	...	...	...	827
Mohwa	...	...	...	290
Gular	...	...	...	3,584
Miscellaneous	...	...	...	10,964

Total ... 23,780

50. There were in all 29,240 plants in charge of the Department of which 7,429 received and 21,811 did not receive watering.

51. The revenue amounted to Rs. 466-9-3 and the expenditure to Rs. 11,726-2-9 as under:—

			Rs.	a.	p.
Protective establishment	...	...	300	0	0
Watering	"	...	3,415	5	0
Malis	"	...	3,306	8	0
Working of wells	...	...	980	14	6
Keep and feed of bullocks	...	...	1,490	2	0
Planting	...	...	212	9	9
Fencing	...	...	1,856	13	3
Miscellaneous	...	...	163	14	3

Total ... 11,726 2 9

Section D.—Gardens.

52. The Desuri, Sadri and Jaswantpura gardens were further stocked with fruit trees mostly graft Mangoes.

53. A small garden and a nursery were also laid out at Dholera Bundh with a view to provide planting material for the surrounding villages.

54. 1237 fruit trees of sorts were further planted out in Kaga and Lalsagar Gardens.

55. 472 Plants mostly Am and Jaman were planted in Kailana Valley.

56. In Balsamund 250 plants were put out by way of filling up gaps wherever necessary.

57. In the extension at Ratnada Palace 401 plants of sorts were put out.

58. The Revenue and expenditure under this head stood as under:—

Revenue	...	...	Rs.	6,461	6	6
Expenditure	...	...	"	47,085	8	6

The following forms are appended:—

Form No.	...	...	...	46
" "	...	...	...	52
" "	...	...	...	53
" "	...	...	...	57
" "	...	...	...	58
" "	...	...	...	59
" "	...	...	...	61
" "	...	...	...	62
" "	...	...	...	63
" "	...	...	...	65
" "	...	...	...	66

APPENDICES.

Annual Form No. 46.

Forest Department Marwar State. Area of Forests for 1909-10.

State.	Range.	Area on 1st October 1909.		Added.	Excluded or transferred to other heads.	Area on 1st October 1910.		Number and date of addition and transfer.	Remarks.
		Acres.	Equivalent in square miles.			Acres.	Equivalent in square miles.		
	Godhwar ...	1,24,230	194.11	...	Protected Forests.	1,24,230	194.11	...	
	Sojat ...	41,600	63.0	...	...	41,600	63.0	...	
	Siwana ...	2,840	6.0	...	...	2,840	6.0	...	
	Rajpur ...	8,320	13.0	...	...	8,320	13.0	...	
	Ghanerao ...	3,277	5.12	...	...	3,277	5.12	...	
	Bar ...	489	.75	...	...	489	.75	...	
	Barentia ...	960	1.50	...	...	960	1.50	...	
	Babra ...	960	1.50	...	...	960	1.50	...	
	Somel ...	1,920	3.0	...	...	1,920	3.0	...	
	Pi, Besi, Banwal, Mayapur, Kaliyatra, and Bidlad ...	7,360	11.50	...	...	7,360	11.50	...	
	Mokalsar Raminia, Mewri, Gungrot, Golia, Piploon, Gudha Nal, Saner, Kundal, Sela, Janpur, Mangi, Dhiran, Telwara and Bhagwan ...	21,760	34.0	...	...	21,760	34.0	...	
	Total protected Forests ...	2,14,707	335.48	...	...	2,14,707	335.48	...	
	Jodhpur waste lands ...	6,400	10.0	...	Unclassed Forests.	6,400	10.0	...	
	Fuel and Fodder Reserves ...	12,800	20.0	...	...	12,800	20.0	...	
	Total unclassified Forests ...	19,200	30.0	...	...	19,200	30.0	...	
	GAND TOTAL ...	2,33,907	305.48	...	...	2,33,907	305.48	...	

Annual Form No. 52.

Forest Department Marwar State. Register of Breaches of Forest Rules during 1909-10.

Forest Range and Civil Parganas.	Cases pending from 1908-09.	NEW CASES OF THE YEAR.						Total new cases during the year.	DISPOSED OF DURING THE YEAR.						Cases pending on 1st October 1910.	Remarks.
		Injury of Forest by fire.	Unauthorized felling or appropriation of wood and minor produce.	Grazing without permission or in the tracts in which grazing is prohibited.	Other offences.	Total new cases during the year.	Corruption.		Acquittals.		Total.					
							Cases.		Persons.	Cases.	Persons.	Cases.	Persons.			
A.—Cases tried by Magistrate.—	2	...	...	...	...	...	2	...	...	...	...	...	1	...	1
{ Bali	
{ Desuri	
{ Sojat	
{ Siwana	
{ Parbatsar	
{ Pali	
{ Raipur	
{ Ghanerao	
{ Total	2	...	1	1	...	2	4	1	1	1	1	2	2	...	2	
B.—Cases compounded by Forest Officials.—	...	3	32	63	50	148	148	148	171	...	...	148	171	...	...
{ Godhwar	...	1	14	14	7	36	36	36	71	...	...	36	71	...	...
{ Sojat	1	...	1	1	1	1	...	...	1	1	...	...
{ Siwana	9	9	9	9	...	...	9	9	...	...
{ Parbatsar	4	4	4	4	...	...	4	4	...	...
{ Pali	3	1	5	5	5	10	...	...	5	10	...	...
{ Raipur	
{ Ghanerao	
{ Total	...	4	50	81	68	203	203	203	275	...	...	203	275	...	...
Grand Total	2	4	61	83	68	205	207	204	276	1	1	205	277	2	2	

Total new cases 205 out of which 5 belong to the Jagir forests and the rest to the Raj Department.

* Total new cases 205 out of which 5 belongs to the Jagir forests and the rest to the Raj Department.

Annual Form No. 53.

Forest Department Marwar State. Area of Forests tracts protected from fire during the year 1900-10.

Range.	Forest tracts.	Year in which Protection commenced.	Area actually protected during the last dry season.	Area attempted to be protected.	Failures.	Actually protected during the year.	Cost.	Remarks.
Raj Department.	{ Khalas ... Godhwar ... Sojat ... Siwana ... }	1891	1,23,530	1,24,230	526	1,23,704	Rs. 191 a p 5 9	
		1891	41,500	41,600	101	41,499	143 8 3	
		1898	3,810	3,810	....	3,810	16 0 0	
	{ Jagir ... Siwana ... Mokalsar, Ramania, Mowri, Gangrot, Gurha Nal, Saner, Golia, Piploon, Kundal, Sela, Mangi, Janpur, Dhiran, Telwara, and Bhagwan ... }	1898	21,760	21,700	..	21,760	0 0 0	
		1897	7,360	7,360	.....	7,360	0 0 0	
		.....	1,97,990	1,98,790	627	1,98,163	350 14 0	
	{ Jagir ... Raipur ... Ghanerao ... Jaitaran ... }	1804	8,320	8,320	.....	8,320	15 0 0	
		1896	3,277	3,277	.....	3,277	9 11 3	
		1806	4,320	4,320	.....	4,320	0 0 0	
		.....	15,917	15,917	.....	15,917	21 11 3	
	Grand Total	.....	2,13,907	2,14,707	627	2,14,080	375 9 3	

Annual Form No. 57.

Forest Department Marwar State. Outturn (in cubic feet) of Timber and Fuel for the year 1903-10 and agency of exploitation.

Range.	TIMBER IN ROUGH LOGS.					TIMBER IN ROUGH POLES.					SWAN OR SQUARD TIMBER.					MISCELLANEOUS.					FUEL.					Total
	Raj Agency.	Purchasers.	Free grants.	Right holders.	Total	Raj Agency.	Purchasers.	Free grants.	Right holders.	Total	Raj Agency.	Purchasers.	Free grants.	Right holders.	Total	Raj Agency.	Purchasers.	Free grants.	Right holders.	Total	Raj Agency.	Purchasers.	Free grants.	Right holders.	Total	
State Department. { Godhwar Sojat Niwana Parbatsar Pali	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	373	221	...	11,144	11,738	15,566	6,037	...	10,167	31,770	...	...	...	...	...	1,55,101	2,84,101	...	2,02,101	6,41,201	...	...	...	...	...	6,41,201
	...	...	...	...	...	10,038	1,192	...	6,792	18,043	...	229	465	...	...	45,602	3,184	...	1,924	51,000	...	...	...	...	...	51,000
	...	...	...	...	...	...	709	...	19	728	...	...	...	...	...	3,060	...	...	23,644	26,704	...	...	...	...	...	26,704
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9,872	...	...	9,872	...	...	...	...	9,872
Total	373	221	...	11,144	11,738	25,619	7,938	...	16,984	50,541	...	233	465	...	...	2,03,752	2,97,457	...	2,27,668	7,28,877	...	...	...	...	...	7,28,877
Jagir. { Raipur { Ghanero	...	...	...	...	...	1,728	10,523	...	3,085	15,330	...	...	...	...	...	...	27,359	...	7,520	34,879	...	...	...	...	...	34,879
	...	...	...	...	...	...	632	...	3,031	3,663	...	...	...	...	...	...	520	...	18,320	18,840	...	...	...	...	...	18,840
	...	...	...	...	...	1,728	11,075	...	6,116	18,919	...	...	...	...	...	...	27,879	...	25,820	53,699	...	...	...	...	...	53,699
Grand Total	373	221	...	11,144	11,738	27,347	19,013	...	23,100	69,460	...	233	465	...	...	2,03,752	3,25,316	...	2,53,488	7,82,576	...	...	...	...	...	7,82,576

Annual Form No. 58.

Forest Department Marwar State. Outturn of minor produce during the year 1909-1910.

Range.	Descriptions.	RAJ AGENCY.		PUR-CHASERS.		FREE GRANTS.		RIGHT HOLDERS.				TOTAL.		Remarks.
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	AT REDUCED RATE.		TOTAL.		Quantity.	Value.	
								Quantity.	Value.	Quantity.	Value.			
Godhwar.	Bamboos (No.) ...	13,916	627	18,201	528	.....	...	2,597	41	...	...	2,597	41	34,747 1,196
	Grass (manuds) ...	217	72	...	...	.....	...	.....	...	...	...	.....	...	72
	" (Cart loads) ...	.....	...	303	76	.....	...	1,113	60	...	...	1,113	60	145
	" (Head loads) ...	.....	...	...	...	.....	...	582	3	655	10	1,237	13	13
	Grazing cattle (No.) ...	.....	...	1,434	019	.....	...	11,392	2,693	...	...	11,392	2,693	3,242
	Honey, wax and hide contract.	.....	...	...	1,138	.....	...	.....	...	...	...	...	...	1,138
	Kamali (Head loads) ...	.....	...	822	76	.....	...	43	2	4,328	408	4,371	408	5,193
	" (No.) ...	.....	...	282	4	.....	...	12	...	...	...	12	...	4
	Mohyn (Head loads) ...	.....	...	2,278	131	.....	...	2,166	80	...	...	2,166	80	4,711 211
	Tala (Cart loads) ...	.....	...	32	16	.....	...	.....	...	...	...	.....	...	32 16
Soyat	Diak leaves (Head loads) ...	.....	...	49	2	.....	...	10	...	...	...	16	...	65 2
	Thorn (Cart loads) ...	.....	...	11	1	.....	...	.....	...	...	...	.....	...	11 1
	Stone " " ...	.....	...	47	0	.....	...	.....	...	...	...	.....	...	47 6
	Bamboos (No.) ...	2	...	658	15	.....	...	.....	...	21	6	.....	...	660 15
Soyat	Grass (Cart loads) ...	.....	...	9	2	.....	...	.....	...	2,885	41	21	0	33 8
	" (Head loads) ...	.....	...	121	2	.....	...	.....	...	.....	...	2,885	41	3,006 40
	" (Manuds) ...	291	79	...	...	.....	...	.....	...	...	...	...	...	291 79
	Grazing cattle (No.) ...	.....	...	302	151	.....	...	3,008	868	650	320	3,658	1,188	3,960 1,339
	Kamali (Head loads) ...	.....	...	1,349	117	.....	...	86	5	2,636	237	2,732	242	4,081 359
	Diak leaves (do.) ...	.....	...	255	8	.....	...	.....	...	...	...	.....	...	246 8
	Kamri (No.) ...	.....	...	175	2	.....	...	.....	...	...	...	.....	...	175 2
	Honey and Wax (contract) ...	.....	...	...	55	.....	...	.....	...	...	...	.....	...	..... 60

[illegible]

Annual Form No. 59.

Forest Department Marwar State. Account of Timber and other produce cut or collected by Raj Agency and brought into Depots, sold locally, or otherwise disposed of during 1909-10.

Description.	BALANCE AT COMMENCEMENT OF THE YEAR.		RECEIVED DURING THE YEAR.		Total.		DISPOSED OF		BALANCE AT CLOSE OF THE YEAR.		Remarks.
	No. or quantity.	Cubic feet.	No. or quantity.	Cubic feet.	No. or quantity.	Cubic feet.	No. or quantity.	Cubic feet.	No. or quantity.	Cubic feet.	
Timber.	Godhwar ...	3,878	.....	.....	49,997	.....	16,710	.....	3,237	.....
	Sojat ...	13,523	25.8	.....	70,705	25.8	57,913	15.9	12,352	9.9	
	Siwana ...	68	.....	.....	68	.....	68	.....	.....	.....
	Pali ...	1,388	.....	381	1,772	.....	1,157	.....	615	.....
	Jodhpur ...	12,501	.....	917	13,418	.....	6,519	.....	6,899	.....
Total	31,358	25.8	1,04,162	.....	1,35,520	25.8	1,12,397	15.9	23,123	9.9	
Firewood.	Godhwar ...	Mds. Srs. 21,938 30	.....	Mds. Srs. 45,910 5	67,818 35	.....	Mds. Srs. 10,431 15	.....	Mds. Srs. 21,817 20	.....
	Sojat ...	9,433 14	.....	9,415 20	18,878 34	.....	12,516 22½	.....	6,332 11½	.....
	Siwana ...	761 23	.....	606 0	1,117 23	.....	1,027 8	.....	420 15	.....
	Jodhpur ...	175 33	.....	9,627 20	9,703 13	.....	9,703 13	.....	.....	.....
Total	322,99 20	.....	65,579 5	.....	97,878 25	... ..	69,308 18½	.....	28,570 6½	... ..

<i>Charcoal.</i>	Godhwar ...	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....
	Sojat ...	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....
	Jodhpur ...	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....
	Total ...	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....
		Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....	Mds. Srs.	.....
<i>Bamboos.</i>	Godhwar ...	No.	.....	No.	.....	No.	.....	No.	.....	No.	.....
	Sojat ...	No.	.....	No.	.....	No.	.....	No.	.....	No.	.....
	Pali ...	No.	.....	No.	.....	No.	.....	No.	.....	No.	.....
	Jodhpur ...	No.	.....	No.	.....	No.	.....	No.	.....	No.	.....
	Total ...	No.	.....	No.	.....	No.	.....	No.	.....	No.	.....
<i>Miscellaneous.</i>	Godhwar ...	Rs.	.....	Rs.	.....	Rs.	.....	Rs.	.....	Rs.	.....
	Sojat ...	Rs.	.....	Rs.	.....	Rs.	.....	Rs.	.....	Rs.	.....
	Sivana ...	Rs.	.....	Rs.	.....	Rs.	.....	Rs.	.....	Rs.	.....
	Parbatsar ...	Rs.	.....	Rs.	.....	Rs.	.....	Rs.	.....	Rs.	.....
	Total ...	Rs.	.....	Rs.	.....	Rs.	.....	Rs.	.....	Rs.	.....

Annual Form No. 61.

Forest Department, Murwar State. Summary of Revenue of Murwar Forests during the year 1909-10.

Budget Heads	Direction.	Godwar	Soyt	Barbarian.	Pal.	Jalore.	Total.	Remarks.
I.—Timber and other Forest produce removed from the forest by Raj Agency:—								
(a) Timber	679	6,808	3,006	13 6	186	11 9	11,372	3 9
(b) Firewood and Charcoal	13,025	1,213	3,379	9 7	...	...	11,675	11 1
(c) Bamboos	311	217	3 3	7 6	...	...	515	4 3
(d) Grass and other minor produce	172	203	382	9 6	...	...	760	7 3
II.—Timber and other Forest produce removed from the forest by purchasers or contractors:—								
(a) Timber	8	2,997	5 6	1,639	...	...	1,756	15 9
(b) Firewood and Charcoal	5,815	1,265	13 4	1,708	105	11 6	9,111	11 3
(c) Bamboos	...	369	6 2	11	...	...	698	12 3
(d) Grazing and Fodder grass	...	3,190	11 9	1,023	243	1 6	4,939	8 6
(e) Other minor produce	3,400	1,435	15 9	197	61	5 9	5,182	6 6
III.—Confiscated, Drift and waifwood —								
IV.—Revenue from Forests not managed by Raj:—								
(a) Duty on foreign timber and other forest produce	...	1,363	10 ...	9 20	...	...	2,291	3 6
(b) Revenue from shared and private forests	...	...	...	43	...	...	13	2 3
V.—Miscellaneous —								
(a) Fines and forfeitures	...	...	...	...	...	...	...	13 ...
(b) Refunds	...	...	...	...	...	...	...	...
(c) Other houses	96	380	7 9	503	119	12 ...	1,537	9 6
Total Forest Conservancy								
	23,520	20,179	10 3	10,181	1 1	3 27	53,622	...
Add Archenliture ..								
" Gardens	...	...	...	...	...	...	166	9 3
" Fuel and Fodder Reserves	...	...	...	...	...	...	6,161	6 6
Total Raj Department								
Belpur	...	...	...	...	...	...	6,344	1 0
Ghinero	...	...	...	...	...	...	...	...
Har	...	...	...	...	...	...	1,117	...
Baranin	...	...	...	...	...	...	1 0	...
Bel m	...	...	...	...	...	...	...	...
Somet	...	...	...	...	...	...	...	...
Grand Total								
	...	...	...	...	...	...	68,317	0 0

* Rs 2,000/-
rounded by
half of Ann
nal

Annual Form No. 62.

Forest Department, Marwar Stat. Account current for the year 1909-10.

	Rs.	n. p.	Rs.	n. p.		Rs.	n. p.	Rs.	n. p.
Cash balance (Imprest)	9,000	0 0	Remittances to Treasuries	...	...	...	...
Revenue as per annual summary Form No. 61	Forest revenue in cash and by adjustment	...	...	...	...
Forest Conservancy	33,822	0 0	Arboriculture do. do.	...	...	...	...
Arboriculture	466	9 3	Gardens "	...	...	...	...
Gardens	6,461	6 6	Fuel and Fodder reserves or grass storage	...	...	63,336	1 0
Fuel and Fodder Reserves	550	1 3	Expenditure as per Form No. 61	...	...	...	...
Advances by reconplement of Imprest and direct payments from Treasuries and adjustment by book transfer	Forest conservancy	...	...	...	...
	Arboriculture	...	...	...	...
	Gardens	...	...	...	...
Increase of Imprest for <i>sarbaraz</i> of state guests	Fuel and Fodder reserves or grass storage.	...	...	...	...
	Balance	...	...	...	...
Total	Total	...	...	...	...

Includes advance of Rs. 200/- for grass storage.

Forest Department, Marwar State. Revenue and outstanding on account of Revenue during 1909-10

Range.	Particulars	Balance at commencement of the year.	Values of sales.	Total.	Realised during the year.	Balance	Remarks.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
...	Forest Conservancy	232 8 0	19,980 14 3	20,213 0 3	20,178 10 3	34 12 0	
Godhwar ...	"	135 12 6	10,100 11 0	10,235 10 6	10,181 1 6	154 0 0	
Sojat ...	"	.....	762 11 6	762 14 6	762 14 6	.....
Sirana ...	"	.....	551 1 6	551 4 6	551 4 6	.....
Parbhatgar ...	"	201 11 6	161 11 3	366 6 9	327 4 9	389 2 0	
Pali ...	"	3,325 13 6	21,101 2 3	27,520 1 9	24,543 7 0	2,976 10 0	
Jodhpur and Direction ...	Arbiculture & F & W. Reserves						
	Total ...	3,808 13 6	56,130 12 0	60,319 12 3	60,814 10 6	3,505 1 9	

Annual Form No. 65.

Forest Department Marwar State. Financial Results for the year 1909-10.

Range.	TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY RAJ AGENCY.				OTHER REVENUE.		Formation and protection and improvement of forest charges	TOTAL.		Remarks.
	Receipts.	Charges.	Receipts.	Charges.	Receipts.	Charges.		Receipts.	Charges.	
Godhwar	8,555	9,272	11,624	1,674	2,118	16,064	20,179	16,064		
Jalore	...	...	...	37	...	37	...	37		
Sujat	4,374	5,468	6,103	3,313	1,164	9,945	10,481	9,945		
Swarua	38	248	725	1,941	17	2,206	768	2,206		
Parbatsar	...	...	551	659	...	659	551	659		
Pali	101	150	136	...	...	150	327	150		
Jodhpur and Direction	14,192	3,960	0,329	8,145	51	12,156	23,521	12,156		
Total	27,864	19,098	28,468	18,769	3,350	41,217	55,822	41,217		
Raipur	158	30	3,089	645	18	694	3,247	694		
Ghautarno	...	...	1,118	276	10	286	1,118	286		
Bar	...	...	101	88	...	88	101	88		
Barantia	...	...	61	80	...	80	61	80		
Babra	...	...	99	81	...	81	99	81		
Somel	...	...	383	100	...	100	383	100		
Total	158	30	4,863	1,371	28	1,329	5,011	1,329		
Grand Total	27,512	19,128	33,321	20,040	3,378	42,546	60,833	42,546		

Annual Form No. A.

Forest Department Marwar State. Statement showing the comparative growth of shoots in coupes hitherto coppiced.

Name of Forest.	Name of species.	1892-93.		1897-98.		1903-04.		1905-06.		1906-07.		1907-08.		1908-09.		1909-10.		Remarks.
		Length.	Girth.	Length.	Girth.	Length.	Girth.	Length.	Girth.	Length.	Girth.	Length.	Girth.	Length.	Girth.	Length.	Girth.	
Gadwa Dhamkhal 1891-92	Kantia Dhao	3-2	...	15-	75	16-	1-	16-	1-	16-5	1-	16-8	1-	17-7	1-3	18-	FL	
	Khair	...	...	16-	-5	...	...	...	...	...	...	...	...	...	...	...	FL	
	...	3-2	...	...	...	12-6	-9	11-	-55	13-5	1-	13-7	1-	11-7	1-7	16-7	1-9	
	
	...	3-2	...	...	...	14-7	-60	15-	-75	16-	-74	16-2	-75	16-5	1-	17-2	1-2	
Sadhri 1896-97	Kantia Dhao	...	...	6-	-1	12-9	-3 8	16-1	-5	17-	-54	18-	-58	20-	-9	21-	1-	
	Khur	...	...	6-	-1	13-	-7 2	17-3	-8	18-	-9	18-5	1-	20-	1-5	20-	1-6	
	Kumthia	...	...	...	...	12-	-3 3	13-	-5	16-	-5	17-5	-54	19-	1-	20-	1-7	
	Dhao	...	...	6-	-1	10-	-28	19-0	-71	20-2	-83	22-	-19	...	...	...	...
	Siris	...	...	6-2	-13	18-	-59	21-2	-71	22-	-9	22-7	-91	21-	1-23	24-	1-75	
Behra 1896-97	Khair	...	...	6-7	-4	15-	-6	18-8	-71	19-3	-83	23-	-91	23-	1-5	23-	1-75	
	Gol	...	...	8-1	-10	21-3	1-75	20-5	-2	27-	-2-26	29-	-2-5	29-	-2-7	31-	-3-	
	Dhao	...	...	...	...	...	...	1-0	...	6-	-9	7-	-2	8-3	-5	9-	-6	
	Dor	...	...	...	...	...	...	6-	-60	7-	-66	8-1	-75	9-1	-54	10-5	-7	
	Khair	...	...	...	...	...	...	6-	...	8-	-75	10-	-83	10-7	-66	11-2	-4	

[illegible]